

FIG. 1

FIG. 2 is a schematic diagram of a network architecture. The diagram shows four malicious users connected to a central cloud. The cloud is connected to a router, which is in turn connected to a firewall and a server. The router is represented by a circle with four arrows pointing outwards. The firewall is represented by a rectangle with the word 'FIREWALL' inside. The server is represented by a rectangle with the word 'SERVER' inside. The malicious users are represented by rectangles with the words 'MALICIOUS USER' inside. Dashed lines represent connections from the malicious users to the router, and solid lines represent connections from the router to the firewall and server.

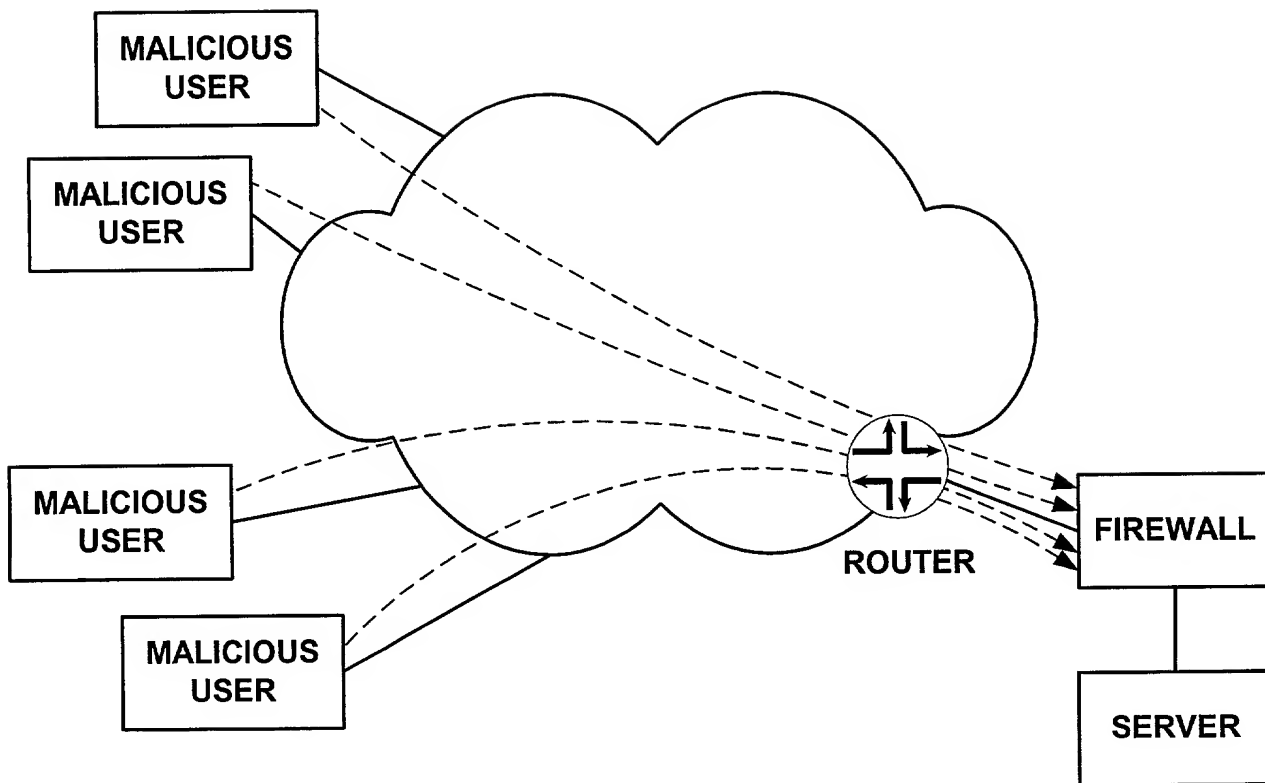


FIG. 2

FIG. 3 is a schematic diagram of a network topology. The network includes a cloud representing a central network. Four routers, labeled ROUTER A, ROUTER B, ROUTER C, and ROUTER D, are connected to the cloud. ROUTER A is connected to a LEGITIMATE USER. ROUTER B is connected to a MALICIOUS USER. ROUTER C is connected to two MALICIOUS USERs. ROUTER D is connected to a FIREWALL, which is in turn connected to a SERVER. Dashed arrows indicate a path from the SERVER, through the FIREWALL, ROUTER D, ROUTER C, ROUTER B, and finally to ROUTER A.

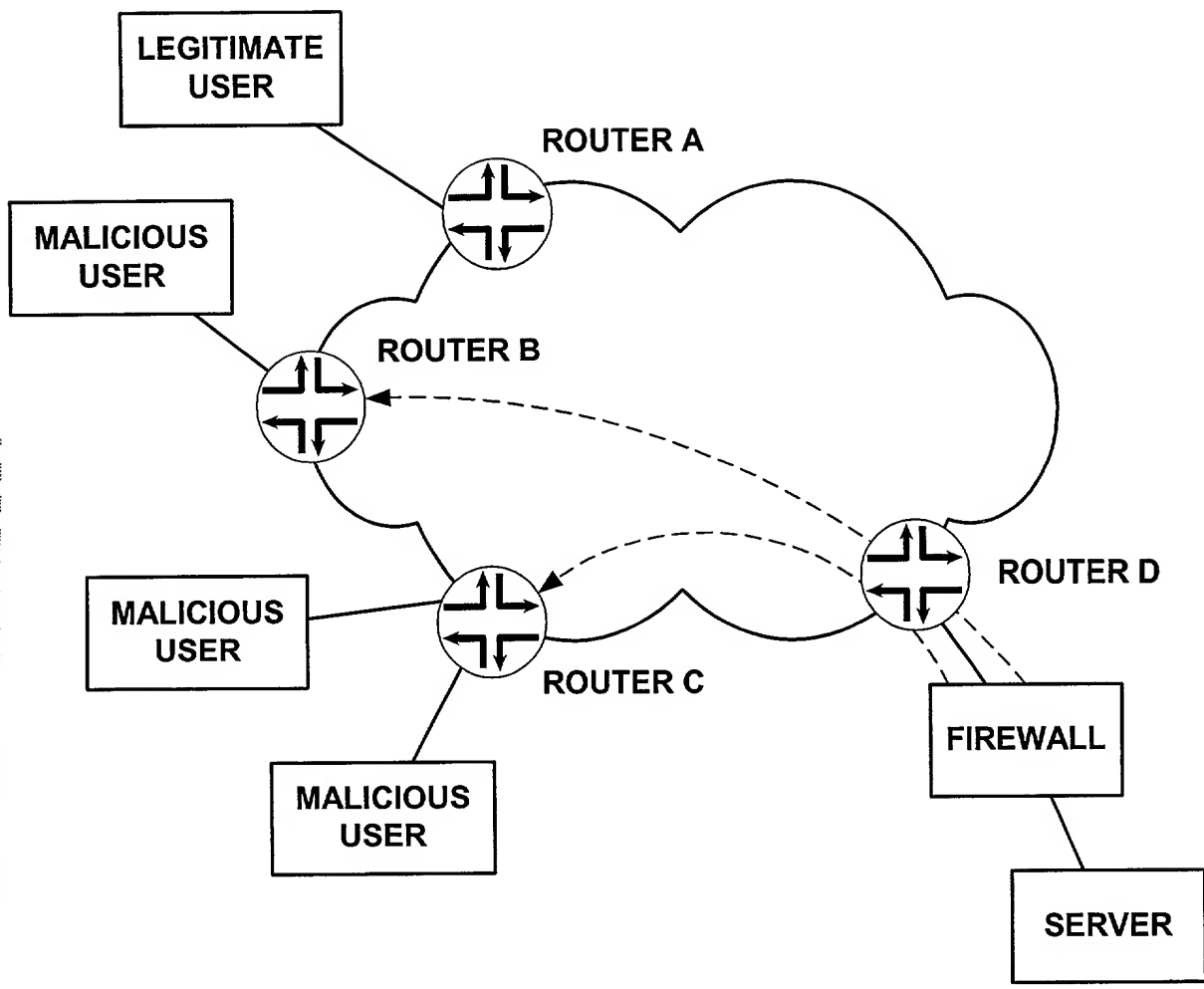


FIG. 3

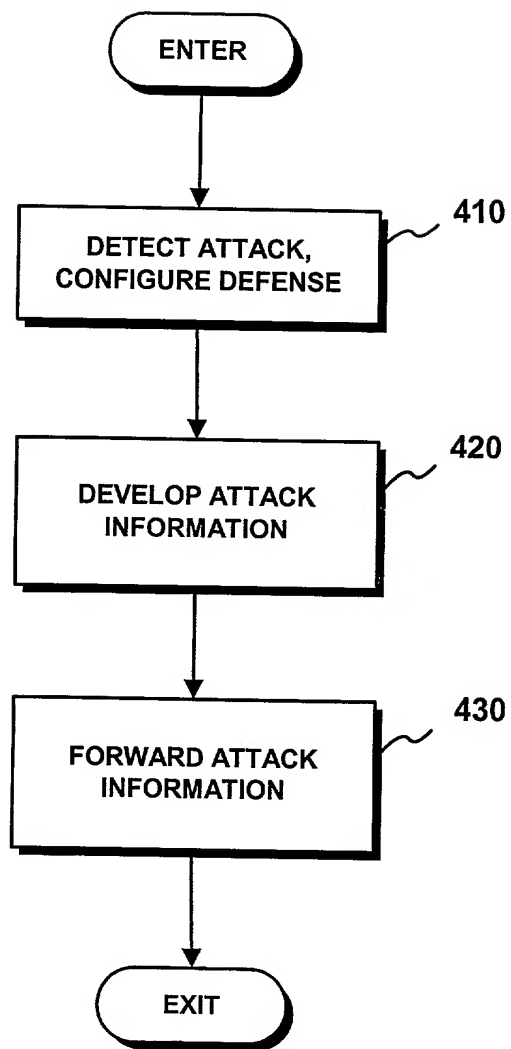


FIG. 4

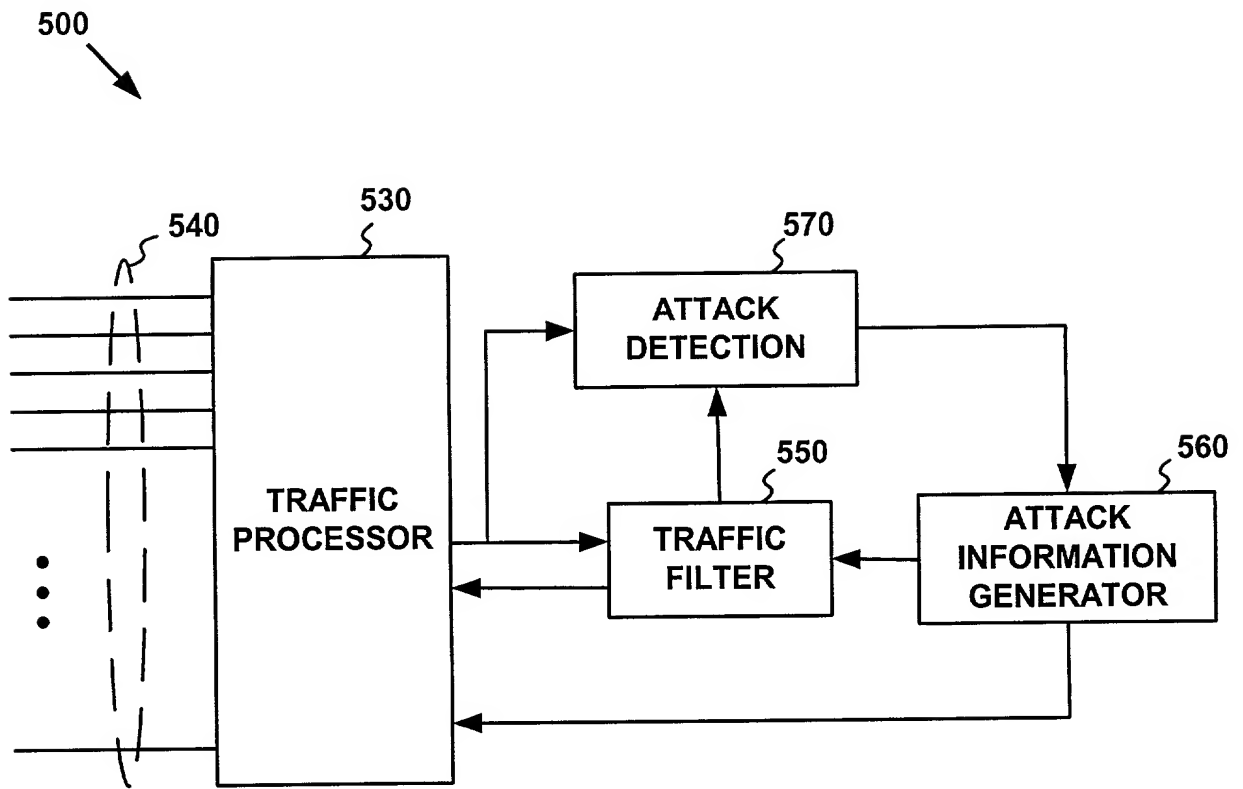


FIG. 5

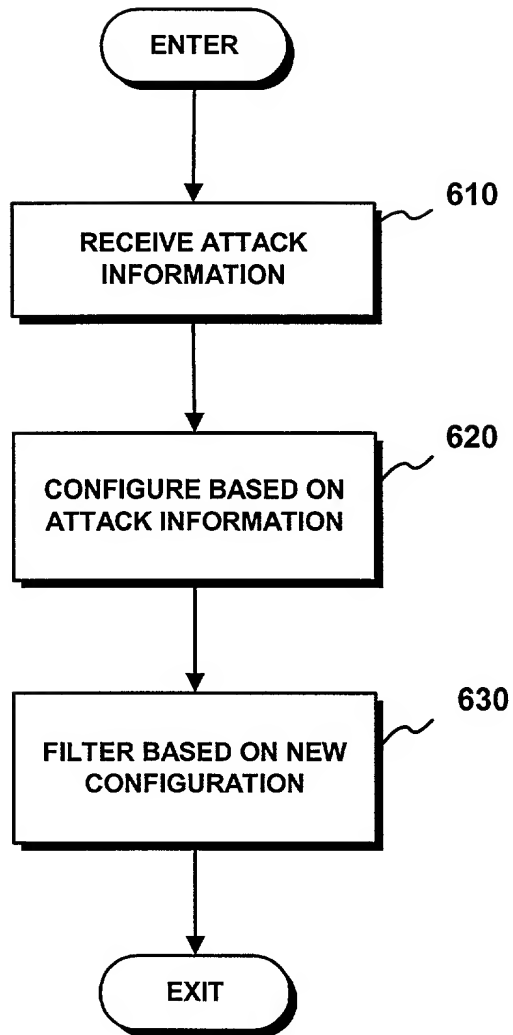


FIG. 6

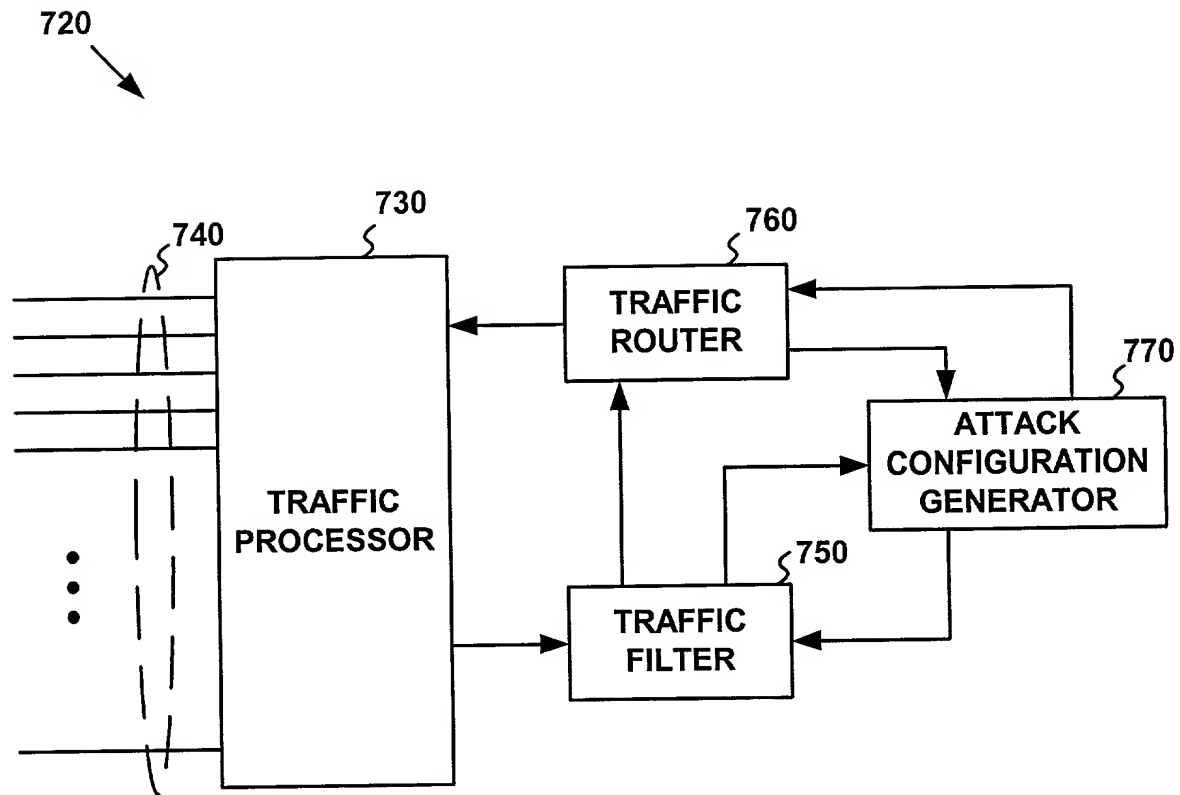


FIG. 7

FIG. 8 is a schematic diagram of a network topology. The network includes a cloud representing a central network. Four routers, labeled ROUTER A, ROUTER B, ROUTER C, and ROUTER D, are connected to the cloud. ROUTER A is connected to a LEGITIMATE USER. ROUTER B is connected to a MALICIOUS USER. ROUTER C is connected to two MALICIOUS USERs. ROUTER D is connected to a FIREWALL, which is in turn connected to a SERVER. Dashed arrows indicate communication paths between the routers and the cloud, and between the routers and the SERVER.

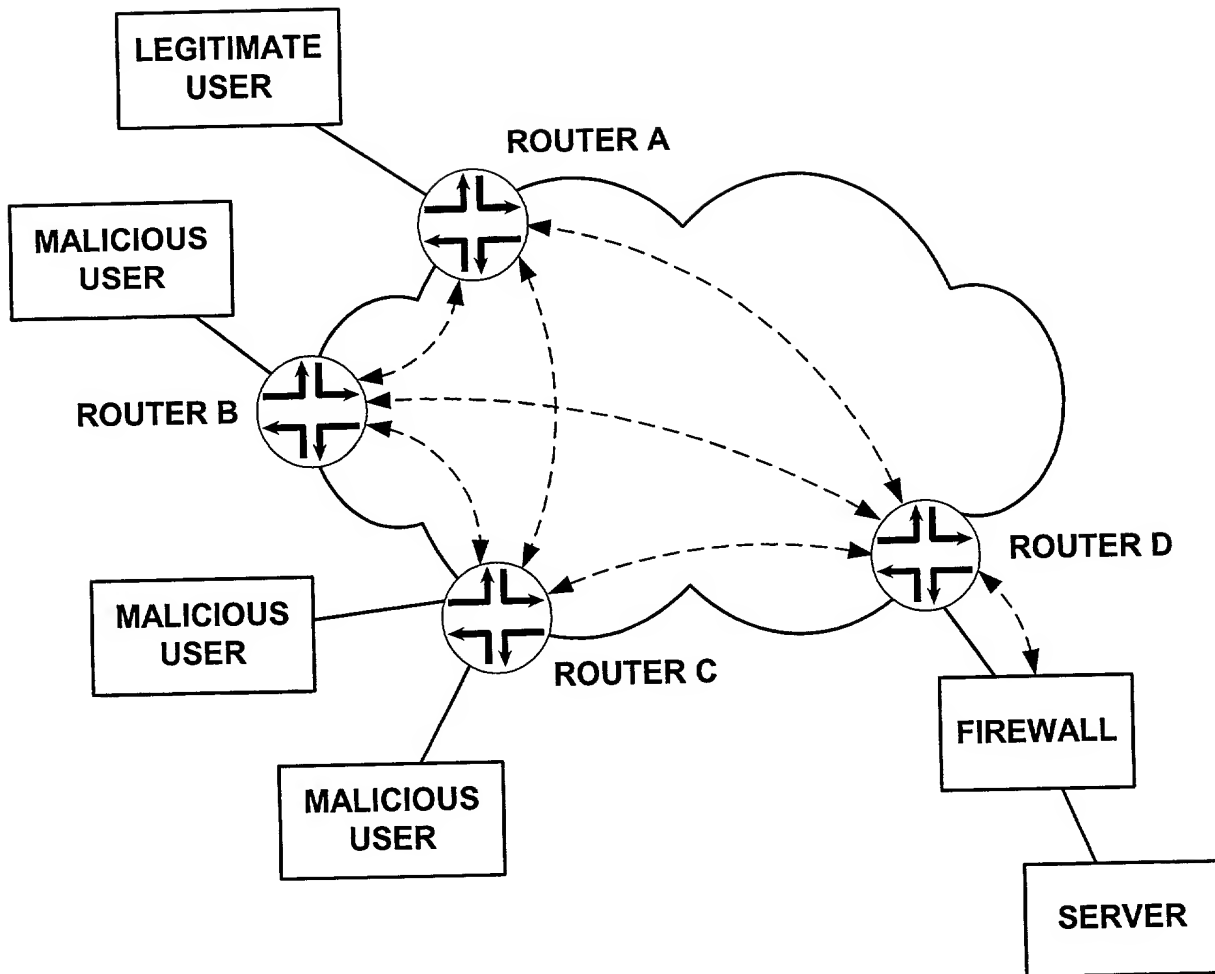


FIG. 8

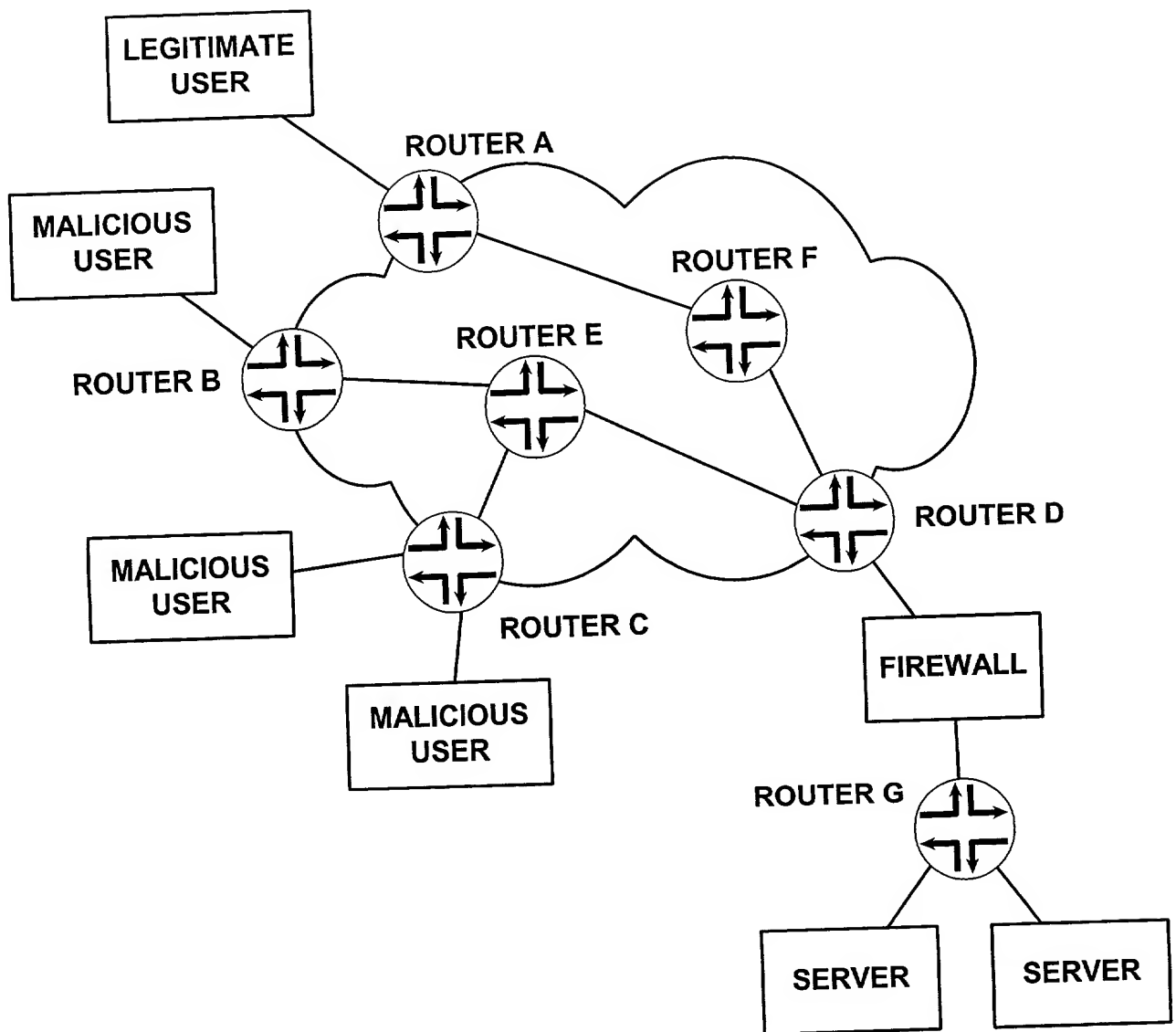


FIG. 9

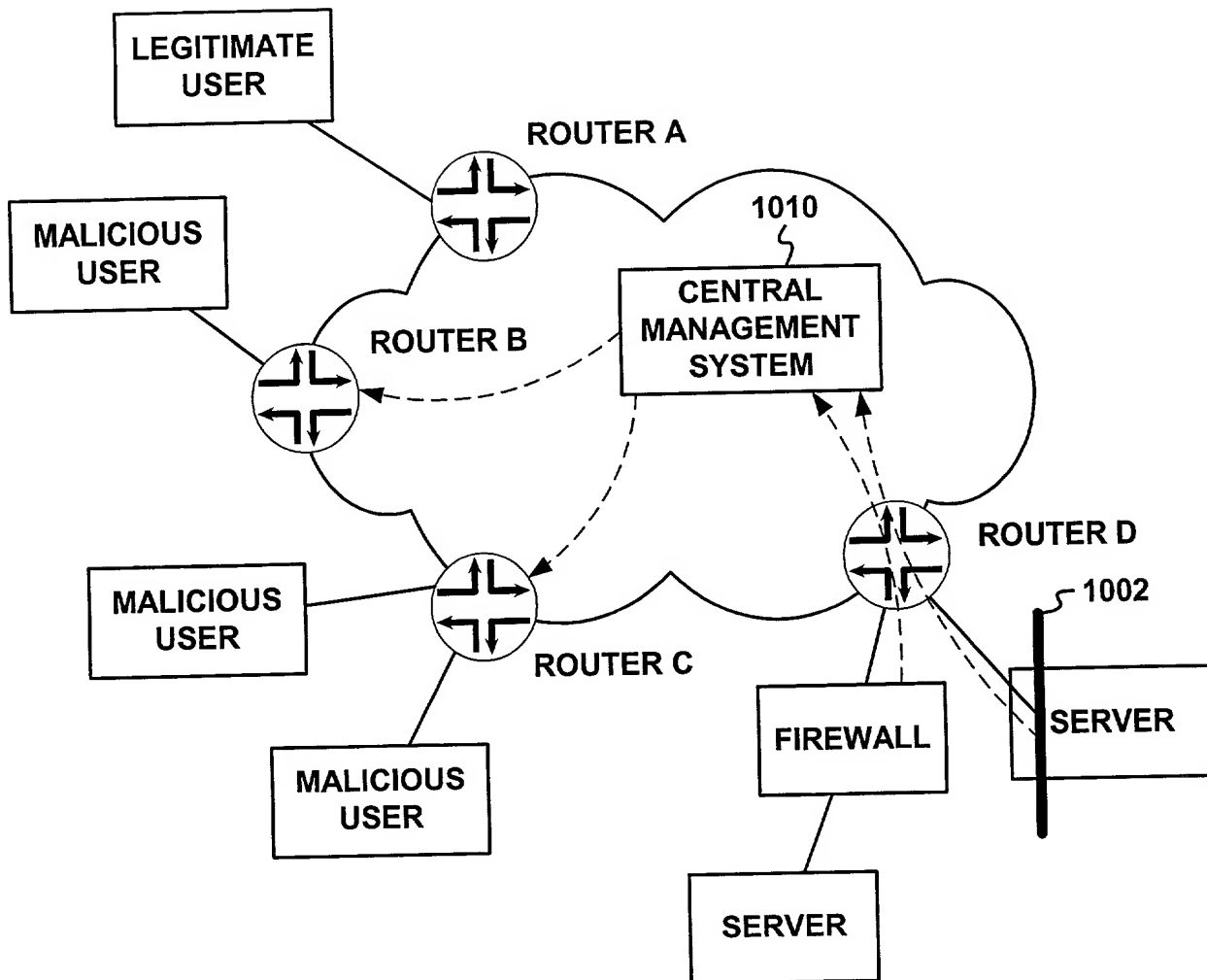


FIG. 10

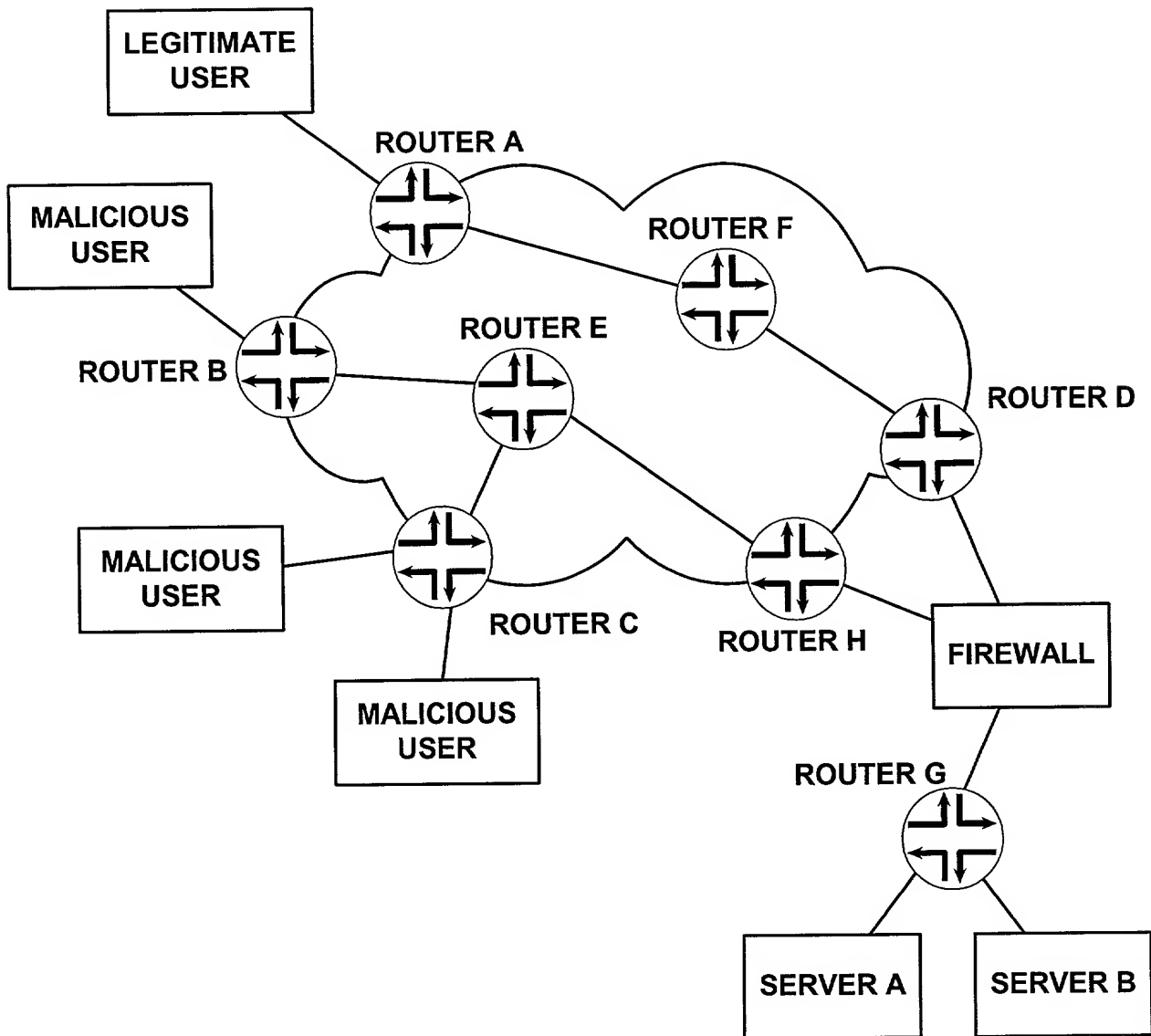


FIG. 11